

Notice of Allowability

Application No.

10/656,472

Examiner

Sam Rizk

Applicant(s)

BLANC ET AL.

Art Unit

2133

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 510/2006.
2. ☒ The allowed claim(s) is/are 1,2,6-8,10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



GUY LAMARRE
PRIMARY EXAMINER

DETAILED ACTION

- Response to the applicant's amendment dated 5/10/2006
- Claims 3-5, 9 and 11 have been Cancelled
- Amended claims 1,2,6-8 and 10 have been submitted for examination
- Amended claims 1,2,6-8 and 10 have been allowed

Claim Objections

1. In view of the applicant amended claims filed on 5/10/2006; all objections to the claims 3,9 and 10 are withdrawn.

Claim Rejections - 35 USC § 112

2. In view of the applicant amended claim 10 filed on 5/10/2006; all rejections to the claim 10 under section 35 USC § 112 are withdrawn.

Response to Arguments

3. Applicant's arguments with respect claim 1 have been fully considered and are persuasive. Claim 1 rejection under section 35 USC § 102(e) of the office action filed on 2/9/2006 has been withdrawn.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

4. The prior Art of record and in particular Szymanski teaches:
 - A method to a communications system comprising:
 - a set of packet data:
 - assigning a packet sequence identifier value to said packet data

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- computing the CRC bits on said data;
- associating said computed CRC bits and said connection identifier value with said data;
- transmitting said data, said computed CRC bits and said connection identifier value to said communication system;
- processing said transmitted data, computer CRC bits and packet sequence identifier value in said communication system to pass on said packet data, said computed CRC bits and said Connection identifier value to a corresponding receiver;
- extracting data, CRC bits and connection identifier value; computing CRC bits on said extracted data ; and
- comparing said extracted CRC bits and said CRC bits computed on said extracted data.
- wherein a transmission error is detected if said extracted CRC bits and said CRC bits computed on said extracted data are different

However, the prior art do not teach, suggest, or otherwise render obvious:

- A method to a communications system comprising: a plurality of emitters , receivers and channels , with a set of data, each data comprising at least one-emitter and receiver identifiers. said method comprising the steps of:
 - for each data in said set of data:

- assigning a connection identifier value to said data according to the emitter and receiver identifiers of said data;
- computing the CRC bits on said data;
- associating said computed CRC bits and said connection identifier value with said data;
- transmitting said data, said computed CRC bits and said connection identifier value to said communication system;
- processing said transmitted data, computer CRC bits and connection identifier value in said communication system to pass on said data, said computed CRC bits and said Connection identifier value to a corresponding receiver;
- extracting data, CRC bits and connection identifier value; computing CRC bits on said extracted data ; and
- comparing said extracted CRC bits and said CRC bits computed on said extracted data.
- wherein a transmission error is detected if said extracted CRC bits and said CRC bits computed on said extracted data are different

As structured in claim 1.

5. Claims 2,6-8 and 10 depend from claims 1.

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Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sam Rizk whose telephone number is (571) 272-8191. The examiner can normally be reached on M-F 8-5.

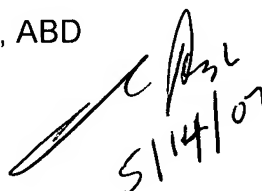
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jacques Louis-Jacques can be reached on (571) 272-6962. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronics Business Center (EBC) at 866-217-9197 (toll-free)

Sam Rizk, MSEE, ABD

Examiner

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5/14/07



GUY LAMARRE
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